MULTIMEDIA UNIVERSITY

STUDENT ID NO

MULTIMEDIA UNIVERSITY

FINAL EXAMINATION

TRIMESTER 3, 2015/2016

PCG0033 – COMPUTER GRAPHICS 3

(All sections / Groups)

3 June 2016
9.00 a,m – 11.00 a.m
(2 Hours)

INSTRUCTIONS TO STUDENTS

1. This Question paper consists of 10 pages with Section A COMPULSORY and Section B for 4 Questions only.

2. Answer Section A (1-30): COMPULSORY and Section B: Choose THREE out of FOUR questions. All questions carry equal marks and the distribution of the marks for each question is given.

3. Please print all your answers in the Answer Booklet provided, including the answers of your Multiple Choices.

Section A: COMPULSORY Multiple Choices **(30 marks)**
Answer **ALL** questions

1. What is the software used to create Time-lapse video?
   A. Adobe Illustrator
   B. Quicktime Pro
   C. iCloud Editor
   D. Autodesk Alias

2. NTSC television systems used in which country?
   A. Bolivia
   B. Australia
   C. Malaysia
   D. Denmark

3. There are two type of editing which is :
   A. Bicubic resample
   B. Temporal effects
   C. Linear and non linear
   D. Frame rate per second

4. What is frame rate?
   A. images photographed per second
   B. music video rates in slow-motion
   C. images photographed per minutes
   D. graphic motion rate

5. If you play back frames at a speed different from the original recording speed, you can create temporal effects such as _____
   A. Speedster frame
   B. Slowmo
   C. Real scene
   D. Rule of third

6. Early television systems selected frame rates based on local electrical standards to avoid _____ with the picture.
   A. high electrical bills
   B. electrical interference
   C. timelapse
   D. frame rates motionless

Continued .....

7. **PAL** of television systems standard stands for :
   A. Phase Alternating Line
   B. Plan Arial Line
   C. Picture And Link
   D. Private Area Lease

8. Normal movie at cinema normally recorded at _____ frames per second.
   A. 11fps
   B. 24fps
   C. 1fps
   D. 20fps

9. What is Kinetic Typography
   A. Timelapse
   B. Celestial movement
   C. Emotional graphic
   D. Moving text

10. Kinetic typography has become commonplace for this area except
   A. Film
   B. Website
   C. Print
   D. Apps

11. There are 3 type of symbol in Flash. Which of the following is not part of Flash symbol?
   A. Graphic
   B. Button
   C. Movie Clip
   D. Shape

12. _____in Adobe Flash Professional involves drawing a vector shape on one specific keyframe in the Timeline and then creating another keyframe and drawing another shape on the second keyframe.
   A. Classic tweening
   B. Morphing tweening
   C. Shape tweening
   D. Motion tweening

Continued .....

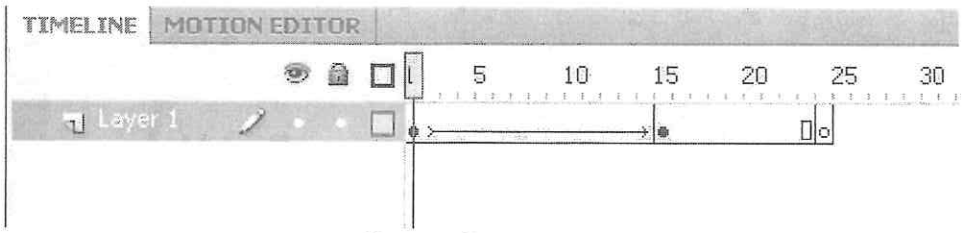

Image 1

13. Please refer to image 1. What is the arrow symbol in the timeline stand for.
    A. Tweening is active
    B. Tweening is passive
    C. Empty frame
    D. Flash is rendering the animation

14. Please refer to image 1. Which of the following statement is TRUE.
    A. There is animation happen on frame 1 till 14
    B. There is object in the timeline but the animation is pasif
    C. There is animation happen on frame 1 till 24
    D. None of the following is true

15. Please refer to image 1. Insert frame action will appear as _____ icon on timeline.
    A. Rectangular outline box
    B. An arrow
    C. Outline circle
    D. Filled black dot

16. Please refer to image 1. An outline or blank circle will appear on your timeline when you_____.
    A. Insert a blank keyframe
    B. Insert a keyframe
    C. Insert a frame
    D. Duplicate a keyframe

Continued .....

17. In Adobe Premier , you can add clips to a sequence in the following ways:
    A. Drag the clip from the Project panel or Source Monitor to a Timeline panel or the Program Monitor.
    B. Use the Insert and Overwrite buttons in the Source Monitor to add clips to a Timeline panel. Or use the keyboard shortcuts associated with those buttons.
    C. Drag the clip from the Project panel, Source panel, or Media Browser into the Program monitor.
    D. All of above.

18. What is the file extension name for raw Premiere projects?
    A. .avi
    B. .wmv
    C. .mov
    D. .prproj

19. What is the tool used to **cut, trim and shortened video and audio clips**?
    A. scissor tool
    B. razor tool
    C. blade tool
    D. slice tool

20. **The maximum** video and audio tracks in Premiere is 3.
    A. True
    B. False
    C. I don't know
    D. Both

21. **Moving Pictures Expert Group**, a company of programmers and designers, designed a series of widely used multimedia file formats known as:

    A. MPEG
    B. AVI
    C. Flash
    D. Macromedia

22. How can you deselect a selected clip in a sequence?
    A. Click on an empty space in the sequence.
    B. Press the Escape key.
    C. Press the Function 2 key.
    D. Press the Tab key.

Continued .....

23. What happens if you double-click on a clip in a sequence?
    A. All clip segments at that time are selected.
    B. The clip is opened in the Source monitor.
    C. The clip is opened in the Program monitor.
    D. The clip is opened in Trim mode

24. You have accidentally removed an imported file from your project. Which command allows you to quickly re-import a file?
    A. File > Import
    B. File > Restore Imported Files
    C. File > Import Recent Files
    D. File > Import Recently Removed Files

25. How does a time ruler measure time?
    A. Instantly
    B. Horizontally
    C. Diagonally
    D. Vertically

26. When playing your project in the timeline. What can you do to improve real time play back?
    A. Render entire work area
    B. Switch to wire frame mode
    C. Change the graphic card
    D. Add more RAM

27. In Adobe Flash The _____ shows the frames in the movie.
    A. Toolbar
    B. Properties pane
    C. Timeline
    D. Scene

28. The _____ panel contains the basic tools needed to draw and modify objects.
    A. Actions
    B. Properties
    C. Tools
    D. Layers

Continued .....

29. Use this to move symbols from one point to another. All animation happens between key frames (point A and B). The timeline turns purple between the key frames when this feature is being used. A dashed or dotted line in the colored area indicates a problem.
    A. Motion Tween
    B. Mask
    C. Shape Tween
    D. Action Script

30. In Flash, these are objects that have been converted so that you can use the same image a number of times in a movie. You can also use this to do fade effects, rotation effects, and flip effects.
    A. Layer
    B. Symbols
    C. Clip art
    D. Tween

Continued .....

Section B: Answer 3 Out of 4 Questions

Question 1 **(10 marks)**

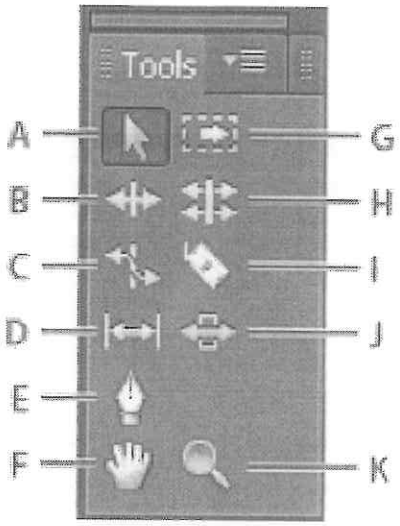

Illustration 1

Illustration 1 is captured from the interface screen of **Adobe Premier** understanding of the window tools and features.

1.1 Referring to the Illustration, please name the tool according to the label for Adobe Premier Tool Bar.

- **A:** ..... **(1 mark)**
- **D:** ..... **(1 mark)**
- **E:** ..... **(1 mark)**
- **H:** ..... **(1 mark)**
- **I:** ..... **(1 mark)**

Continued .....

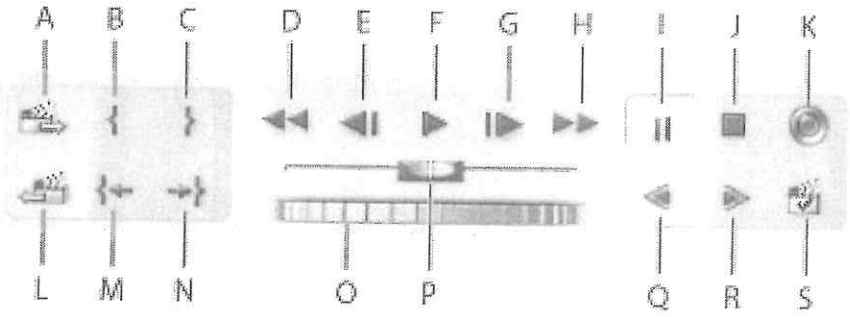

Illustration 2

Illustration 2 is captured from the interface screen of **Adobe Premier** understanding of the window tools and features.

1.2 Referring to the Illustration, please name the label for Adobe Premier device controls.

- **C:** ..... **(1 mark)**
- **K:** ..... **(1 mark)**
- **L:** ..... **(1 mark)**
- **P:** ..... **(1 mark)**
- **R:** ..... **(1 mark)**

Question 2

2.0 What is Time-lapse photography? **(7 marks)**

2.1 Give 3 examples time-lapse photography **(3marks)**

Question 3

3.0 What is a shape tween? **(3 marks)**

3.1 Describe the steps in creating a shape tween. **(7 marks)**

Continued .....

Question 4

4.0 A number of video standards have emerged over the years. Standard definition (SD) video formats have been used for broadcast television from the 1950s to the present. Name all of the standard definition video formats, including the countries and regions that area using the video formats

(3 marks)

4.1 The aspect ratio of a video frame is the width with respect to the height. What is the aspect ratio for :

a) Standard Definition (SD) : ..... **(1 marks)**
b) High Definition (HD) : ..... **(1 marks)**

4.2 Adobe Premiere is one of the good software you can use to edit video. Explain the steps or process of these scenarios **(5 marks)**

End of Page.